



ROY ROMER
Governor

PATRICIA A. NOLAN, MD, MPH
Executive Director

Hazardous Materials and Waste Management Division
4210 East 11th Avenue
Denver, Colorado 80220-3716
(303) 331-4830 / FAX (303) 331-4401

Telefax Numbers:
Main Building, Denver
(303) 322-9076

Ptarmigan Place, Denver
(303) 320-1529

First National Bank Building, Denver
(303) 355-6559

Grand Junction Office
(303) 248-7198

Pueblo Office
(719) 543-8441

000045409 U

August 6, 1992

Mr. Frazer Lockhart
U. S. Department of Energy
Rocky Flats Office
P.O. Box 928
Golden, Colorado 80402-0928

RE: CDH Sampling of the OU 1 and OU 2 IM/IRA Treatment Facility Effluents

Dear Mr. Lockhart,

The Colorado Department of Health, Hazardous Materials and Waste Management Division (the Division), would like to begin an oversight sampling program for the effluents of the OU 1 and OU 2 IM/IRA Treatment Facilities. The Division would like to structure this program so as to have minimal effect both on the daily operation of the facilities and on operational personnel.

To this end, we envision a program similar to the CDH ground water sampling program of the eastern boundary wells. In the ground water program, CDH personnel accompany DOE contractor and subcontractor personnel to the wells on the regularly scheduled quarterly sampling event and take split samples from the collected ground water. In this manner, the samples taken by the DOE contractor personnel for CDH are collected under identical conditions and using identical methodologies as those collected for DOE.

Sampling Proposal for OU 1: Since the OU 1 Treatment Facility releases treated water in a batch mode, the Division proposes collecting split samples of the effluent stream approximately once for every two to four tanks released or about four times per year depending on treatment volumes. We hope to utilize treatment facility personnel who would take a split sample at the same time, from the same location, and using the same procedures as for DOE samples. CDH personnel will schedule and attend the sampling event and transport the split samples to the CDH laboratory. Analysis of the CDH split sample will be conducted by the CDH lab.

Sampling Proposal for OU 2: Treated water from the OU 2 Treatment Facility is released in a continuous stream. Therefore, the Division proposes to sample this water approximately once per calendar year quarter. Again we hope to have treatment facility personnel take a split sample as described above. CDH personnel will schedule and attend the sampling event and transport the samples to the CDH lab.

We would like to begin this effluent split sampling program as soon as possible and will be contacting you concerning implementation logistics in the very near future. If you have any questions or suggestions regarding these matters, please call Joe Schieffelin of my staff at 331-4421.

Sincerely,

A handwritten signature in cursive script that reads "Gary W. Baughman". The signature is written in dark ink and is positioned above the typed name.

Gary W. Baughman
Unit Leader, Hazardous Waste Facilities
Hazardous Materials and Waste Management Division

cc: Martin Hestmark, EPA
Scott Grace, DOE
Farrel Hobbs, EG&G
Jackie Berardini, CDH-OE